

Mini-symposium

Protein production using heterologous system

Bacteria, Yeast, Microalgae, Plant and Animal

Date; 25 September

Venue; International Center for Biotechnology (ICBiotech), The University of Osaka

<https://www.icb.osaka-u.ac.jp/home-en/>

MC: Dr. Ryo Misaki (ICBiotech, The University of Osaka)

- 12:45-12:50 Opening remarks
Dr. Eiichiro Fukusaki (Director, Industrial Biotechnology Initiative Division,
OTRI, The University of Osaka)
- Dr. Kazuhito Fujiyama (ICBiotech, The University of Osaka)
- 12:50-13:30 Dr. Kentaro Miyazaki (ICBiotech, The University of Osaka)
Development of a salicylate-responsive transcriptional regulator for
orthogonal and high gene expression in *Escherichia coli*
- 13:30-14:00 Dr. Niran Roongsawang (BIOTEC, NSTDA, Thailand)
BIOTEC Thermotolerant Yeast: A High-Efficiency, Cost-Effective, and
Freedom to-Operate Expression Platform
- 14:00-14:30 Dr. Cahyo Budiman (IPB University, Indonesia)
Gene Synthesis and Fusion-Based Expression of Non-Bacterial Enzymes
in *Escherichia coli*: Case Studies of Bromelain and Tyrosinase
- 14:30-14:45 **BREAK**
- 14:45-15:15 Dr. Naphatsamon Uthailak (Mahidol University, Thailand)
Green Biofactory: Plant- and Microalgae-based Protein Production
- 15:15-15:45 Dr. Ryo Misaki (ICBiotech, The University of Osaka)
Approaches to Protein Production Using Mammalian Cells:
Focus on Antibodies

Organized by;
International Center for Biotechnology (ICBiotech),
The University of Osaka

Industrial Biotechnology Initiative Division,
Institute for Open and Transdisciplinary Research Initiatives (OTRI),
The University of Osaka